Email and Web Security with Data Loss Prevention

When companies need proven protection from email and web threats, and prevention of data loss for privacy and compliance, they turn to WatchGuard XCS. These solutions provide the most comprehensive and proactive security across email and web in the industry, with consolidated visibility and control of your email and web traffic.

Next-Generation Anti-Spam Technology

- **Anti-spam engine** examines sender info and content, including images, attachments, and embedded URLs, and conducts contextual analysis to determine risk level.
- **Reputation Enabled Defense**, a key "in the cloud" component of XCS, blocks up to 98% of unwanted email at the perimeter, dramatically optimizing bandwidth.
- **Signature-based anti-spam** combines with knowledge-based learning technology to block spam and protect against emerging, difficult-to-detect variants.
- **Spam quarantine** allows end users to access and manage their quarantined messages, safe lists, and block lists via digests that are emailed to them.

Protection from Email-Borne Threats

- **Zero-hour threat outbreak** response delivers proactive defense against the latest threats.
- **Advanced content filtering** and malware prevention scans inbound and outbound email for malicious content delivered by blended threats.

Data Loss Prevention (DLP)

- **Pre-defined compliance dictionaries** can be used for compliance with GBL, HIPAA, PCI and more and are customizable to support efficient policy creation.
- **XCS DLP Wizard** further streamlines policy configuration. Then once policies are determined, the system automatically configures the XCS without any other user action required.
- **Automatically block**, quarantine, reroute, blind copy, encrypt, or allow messages based on policy requirements.
- **Protect known confidential files** from data loss and train the system on what to look for and the actions to take.

Email Encryption with XCS Securemail

- **Auto-encryption ensures consistent policy** application, taking the decision-making out of the hands of users. Users can also manually trigger encryption.
- **Encrypted messages can be opened** by any browser and on any mobile device.
- **Message encryption policies** can be extremely granular and, once defined, applied automatically at the gateway.
- **Subscription-based**, XCS Securemail does away with the need for a dedicated server, avoiding the costs associated with most encryption technology.

Protection for Web Traffic

- **Extend the same powerful defenses** against threats and data loss to all web traffic with a Web Security subscription.
- **URL filtering** provides immediate and accurate network defense against malicious and inappropriate web sites.
- **In-the-cloud URL inspection** analyzes every URL at the connection level to determine risk. Compromised URLs are blocked at the perimeter for faster, safer web surfing.
- **Traffic enhancements** include web caching, large file downloads, and streaming media support to reduce bandwidth consumption, server loads, and latency for web traffic.

Enterprise-Grade Reliability

- **Fully redundant system**, including message-level, logical, geographic, and hardware redundancy*.
- **Patented XCS queue replication** ensures no communication is ever lost.
- **Dynamic on-demand clustering** allows you to replicate configuration settings and messaging queues across multiple systems in minutes.

Centralized Management and Reporting

- **Apply a single policy** to control traffic so you spend less time defending your borders and more time focusing on higher business value IT projects.
- **Provides one-click administration** for customizable reports in varying file formats. Meet audit requirements with time-, feature-, and group-based reports.
- **Management reporting tools** provide a holistic view of web security. Includes user-based reporting and a web dashboard for monitoring web usage and web threats.

Watchguard Quarantine Management Server (QMS)

- **Off-load spam & suspect email** efficiently and effectively into a dedicated holding area.
- **Frees email servers** to process only legitimate email traffic.
- **Supports multiple domains**, organizations, and users.
- **Available as a hardware appliance** or as a free virtual appliance as part of your LiveSecurity support subscription.

*Hardware redundancy available on 770R, 970, 1170 models.

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The WatchGuard® XCS Story

Since 1996, WatchGuard Technologies has provided more than 600,000 security appliances to hundreds of thousands of customers worldwide. Our Extensible Content Security (XCS and XCSv) solutions offer the industry's best defense-in-depth for email, web, and data loss prevention. With six physical appliances and four virtual editions to choose from, XCS and XCSv meet the messaging security requirements of businesses of all sizes, including solutions to protect the world's most demanding email and web networks. XCS products are backed by LiveSecurity® Service, a high-value support and maintenance program. The WatchGuard commitment to performance and value gives our customers enterprise-grade protection in a cost-effective, extensible solution.

Eliminate Spam and Email-borne Threats

The dangers carried by spam have never been greater. Highly sophisticated email scams are luring users to web sites where malicious code awaits. Data is stolen, malware propagated, and networks infected with spyware and botnets.

WatchGuard XCS utilizes breakthrough innovations in email security to stop today's spam threats. An "in the cloud" reputation lookup service blocks up to 98% of spam at the connection level, then the powerful anti-spam engine conducts a rigorous analysis of messages and attachments on the remaining email. The result is industry-leading spam protection, with huge savings in email processing overhead.

Extend Protection to Web Traffic

Adding a Web Security subscription to your XCS appliance will extend that same powerful protection to all your web traffic as well. The cloud-based web reputation service determines the risk level of each web page to stop threats at the perimeter. URL filtering analyzes and blocks access to web sites based on pre-defined policies to reduce risks, prevent legal liabilities from inappropriate web surfing, and protect bandwidth.

Stop the Loss of Sensitive Data

Confidential information can leave the network, accidentally or maliciously, in many ways. Email is the primary threat vector for data loss, yet web communications over popmail services such as Hotmail and Gmail, business collaboration tools, and social networking sites like LinkedIn and Facebook have become just as common egress points for sensitive data. The data loss prevention (DLP) capabilities of WatchGuard XCS enable tight control over all outbound traffic no matter what the communication tool to keep sensitive, regulated, and classified information from exiting the network without authorization.

Encrypt Emails for Privacy and Compliance

Given the volume of sensitive data that must pass between business networks, the decision isn't *if* you should encrypt confidential email messages, but *how*. WatchGuard XCS SecureMail provides policy-driven, transparent encryption that is easy to deploy and manage. Messages can be opened by any browser and on any mobile device, Keys are issued dynamically, minimizing the risk of key corruption or unauthorized data recovery. And because it's a fully integrated subscription, it beats the high cost and administrative burden of stand-alone encryption products.

Effectively Define Your Relationship with the Internet

XCS solutions are rich in tools that support policy creation, management, and enforcement. The XCS DLP Wizard guides administrators through DLP configuration controls quickly and simply. Built-in compliance dictionaries streamline policy-creation to meet a wide range of regulatory mandates. Granular controls provide enhanced visibility into data leaving the network. All email and web security can be managed across protocols from one centralized management console, using one set of corporate acceptable use and compliance policies for maximum efficiency and protection.

WatchGuard® XCS Products at a glance

	XCS 280 Small Business	XCS 580 Mid-Size Business	XCS 770R Mid-Size to Large Enterprise	XCS 970 Large Enterprise	XCS 1170 Large Enterprise and ISPs
CHASSIS/PROCESSOR					
Form Factor	1U Shallow, Rack-Mountable	1U Shallow, Rack-Mountable	1U Mid, Rack-Mountable	1U Deep, Rack-Mountable	1U Deep, Rack-Mountable
Product Dimensions	11.5″x 17″x 1.75″ (29.2 x 43.2 x 4.5 cm)	11.5″x 17″x 1.75″ (29.2 x 43.2 x 4.5 cm)	28″ x 19″x 1.75″ (71 x 48 x 4.5 cm)	28″ x 19″x 1.75″ (71 x 48 x 4.5 cm)	28″ x 19″x 1.75″ (71 x 48 x 4.5 cm)
Shipping Dimensions	18″x 21″x 5″ (45.7 x 53.3 x 12.7 cm)	18″x 21″x 5″ (45.7 x 53.3 x 12.7 cm)	33″x 24″x 8″ (84 x 61 x 20 cm)	33″x 24″x 8″ (84 x 61 x 20 cm)	33″x 24″x 8″ (84 x 61 x 20 cm)
Shipping Weight	16 lbs. (7.3 kg)	16 lbs. (7.3 kg)	49 lbs. (22 kg)	49 lbs. (22 kg)	49 lbs. (22 kg)
CPU	Intel E5300 2.6Ghz	Intel E5300 2.6Ghz	Intel Xeon Quad-Core Processor	Intel Xeon Quad-Core Processor	2 Intel Xeon Quad-Core Processor
Power	Fixed, 600W, universal 100/240V	Fixed, 600W, universal 100/240V	Fixed, 600W, universal 100/240V	2 hot-swap power supplies 650W, universal 100/240V	2 hot-swap power supplies 650W, universal 100/240V
STORAGE					
RAID	–	–	RAID 1, Hot-Swappable	RAID 1, Hot-Swappable	RAID 10, Hot-Swappable
Memory	4GB (1 x 4GB) DDR3 1333MHz	4GB (1 x 4GB) DDR3 1333MHz	4GB (2 x 2GB) DDR3 1066 MHz	4GB (2 x 2GB) DDR3 1066MHz	4GB (2 x 2GB) DDR3 1066MHz
Hard Disk Drives	320GB SATA-II, 7.2K RPM	320GB SATA-II, 7.2K RPM	2 500GB SATA-II, 7.2K RPM	2 160GB SATA-II, 7.2K RPM	4 146GB SAS, 15K RPM
PORTS					
Ethernet / Serial	3 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port	3 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port	4 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port	4 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port	4 Intel Gigabit Ethernet / 1 RS-232 (DB-9) Serial Port
THREAT PROTECTION					
Anti-Spam / Anti-Virus / Anti-Malware	✓	✓	✓	✓	✓
Blended Threat Prevention	✓	✓	✓	✓	✓
Reputation Enabled Defense	✓	✓	✓	✓	✓
Spam Dictionaries	✓	✓	✓	✓	✓
Pattern-based Message Filters	✓	✓	✓	✓	✓
Message Quarantine	✓	✓	✓	✓	✓
Inbound Attachment Control	✓	✓	✓	✓	✓
WEB SECURITY (subscription-based)					
URL Filtering*	✓	✓	✓	✓	✓
Cloud-based Web Reputation Services*	✓	✓	✓	✓	✓
Uncategorized Web Content Filtering*	✓	✓	✓	✓	✓
Acceptable Web Usage*	✓	✓	✓	✓	✓
Web Application Control*	✓	✓	✓	✓	✓
Web Traffic Enhancements*	Web caching / large file downloads with rapid scan / streaming media control / traffic management and clustering				
DATA LOSS PREVENTION					
Pattern-based Content Rules	✓	✓	✓	✓	✓
Encryption	TLS / Message-level encryption**	TLS / Message-level encryption**	TLS / Message-level encryption**	TLS / Message-level encryption**	TLS / Message-level encryption**
Compliance Dictionaries	✓	✓	✓	✓	✓
Objectionable-Content Filtering	✓	✓	✓	✓	✓
Transparent Remediation	✓	✓	✓	✓	✓
Additional Capabilities	DLP Wizard / Outbound content and attachment scanning / outbound attachment control / document fingerprinting and data classification				
MANAGEMENT & REPORTING	Centralized management / archiving (third party) / on-box reporting / user-based reporting / messaging logs / customizable granular policies, including time-based web access policies and IP-based policies / customizable granular reports				
REDUNDANCY	Message-level redundancy / on-demand clustering / geographical redundancy / queue replication (hardware redundancy available on 770R, 970, and 1170 models only)				
SUPPORT AND MAINTENANCE	All XCS models include LiveSecurity Plus for 24/7 technical support, hardware warranty, and software updates				

*Available for all XCS models with a WatchGuard XCS Web Security Subscription. **Available for all XCS models with a WatchGuard XCS SecureMail Email Encryption Subscription.

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